Nikon

PHOTOMIC FINDER DP-1

20FD11

REPAIR MANUAL

Nikon

NIPPON KOGAKU K.K.

Tokyo, Japan

Photomic Finder DP-1

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NOTE:

Marks in the "Term of Sale" column of the parts list are;

○ . . . . . Can be supplied individually

△ . . . . . Not supplied individually but only as subassembly

○△ . . . . . Supplied either as part or subassembly

X . . . . . Not considered as repair part

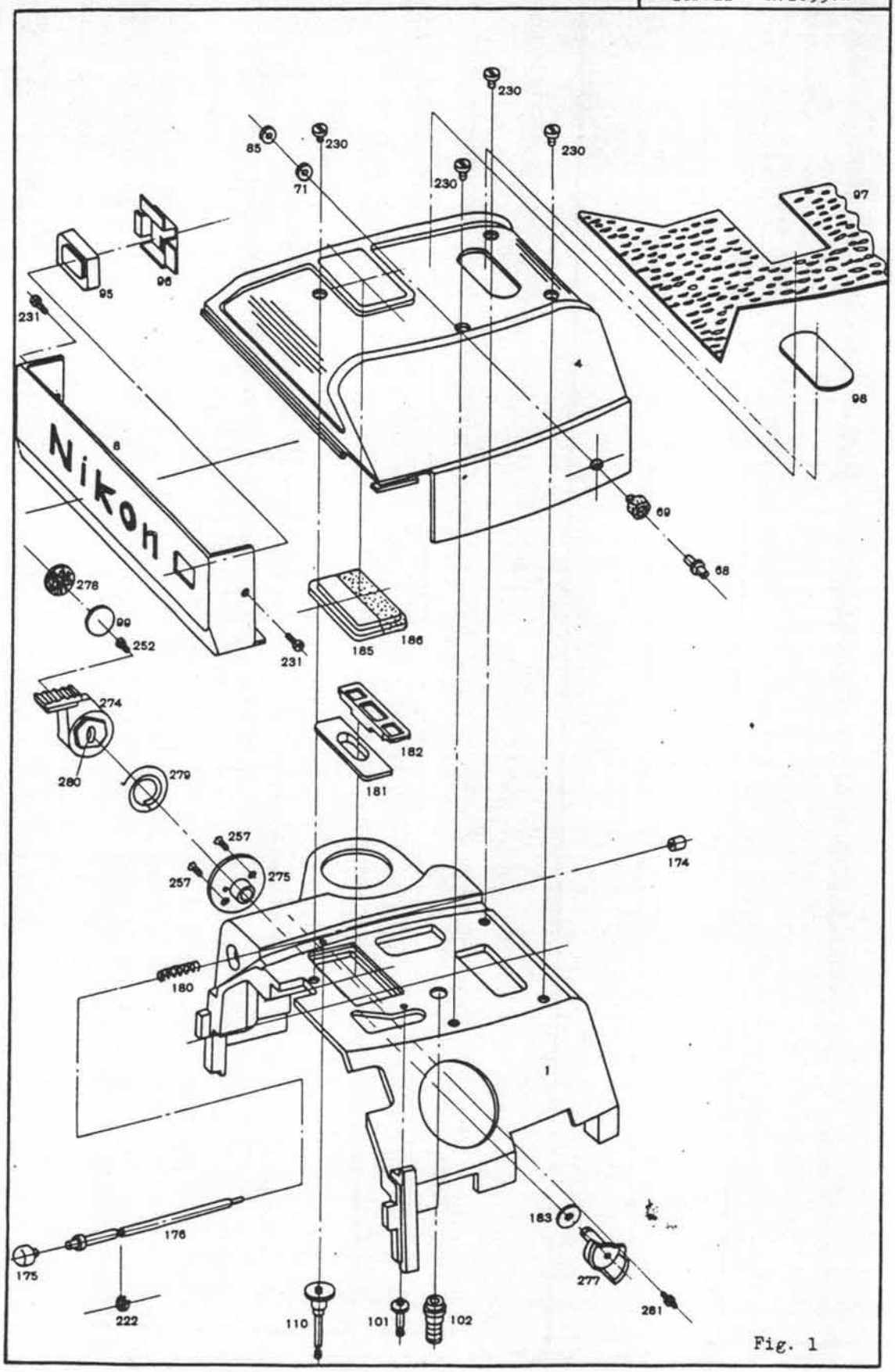
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Fig. 1

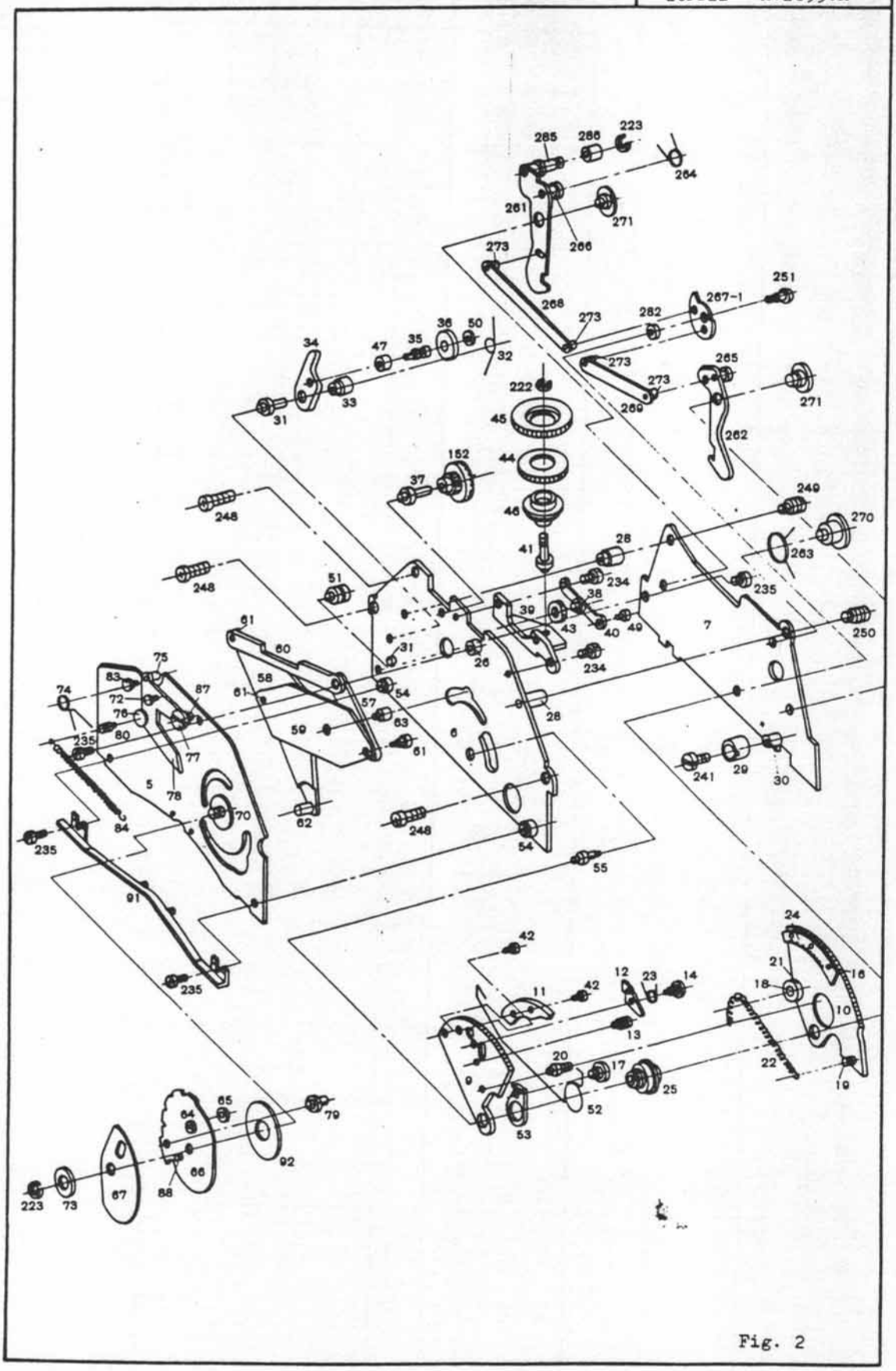
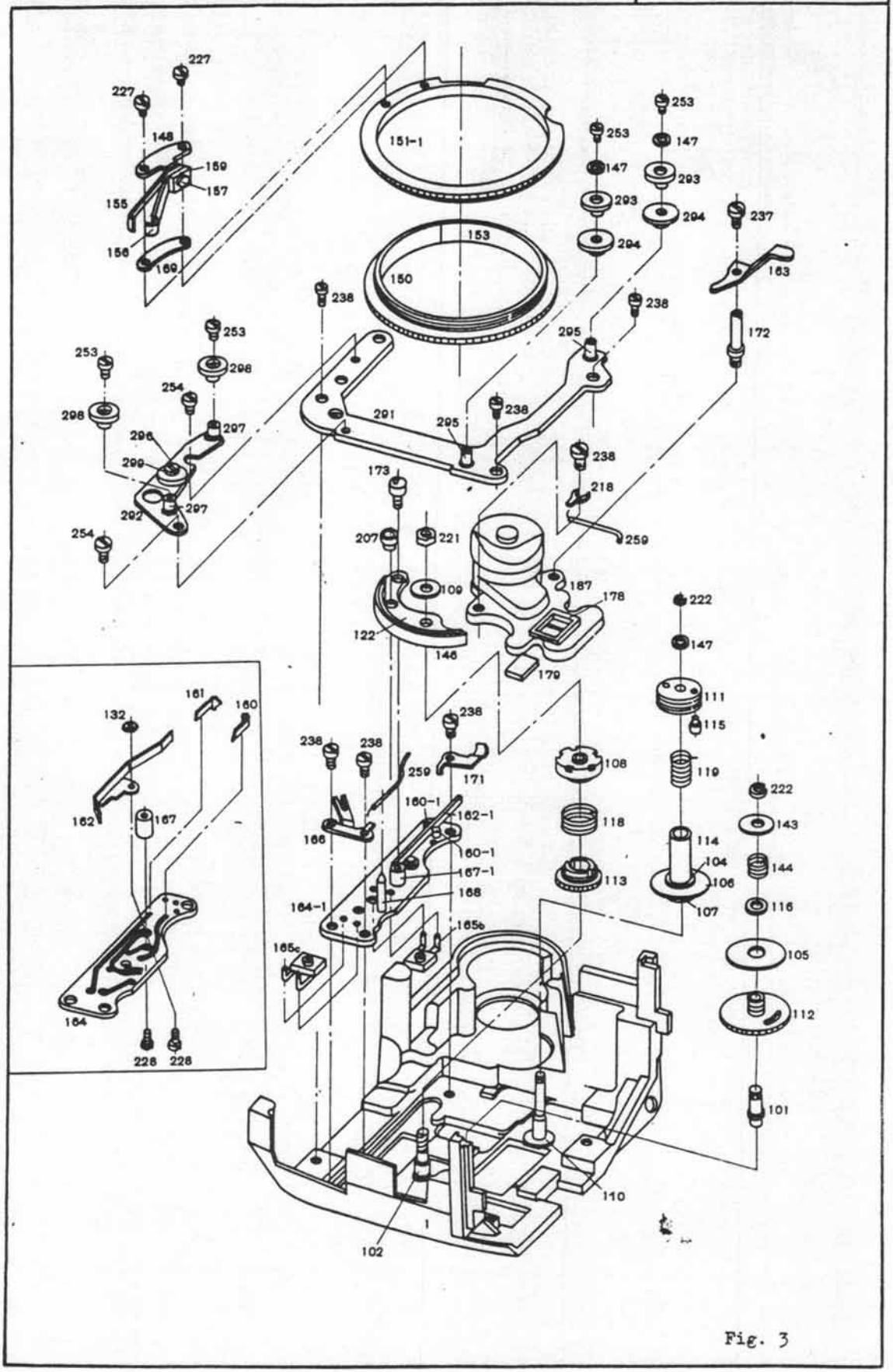


Fig. 2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164-1
165b
165a
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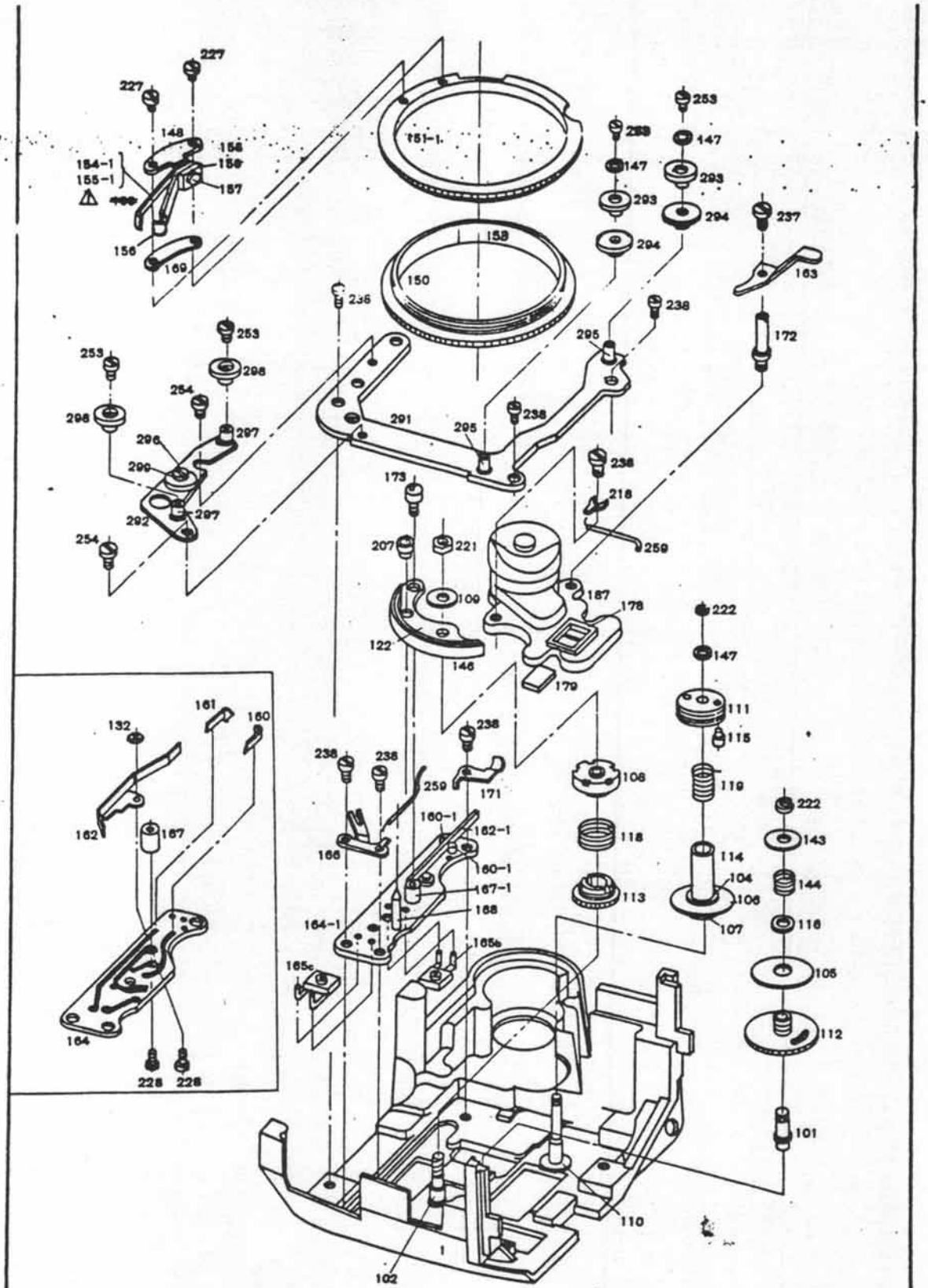
Fig. 3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164-1
165b
165c

Fig. 3

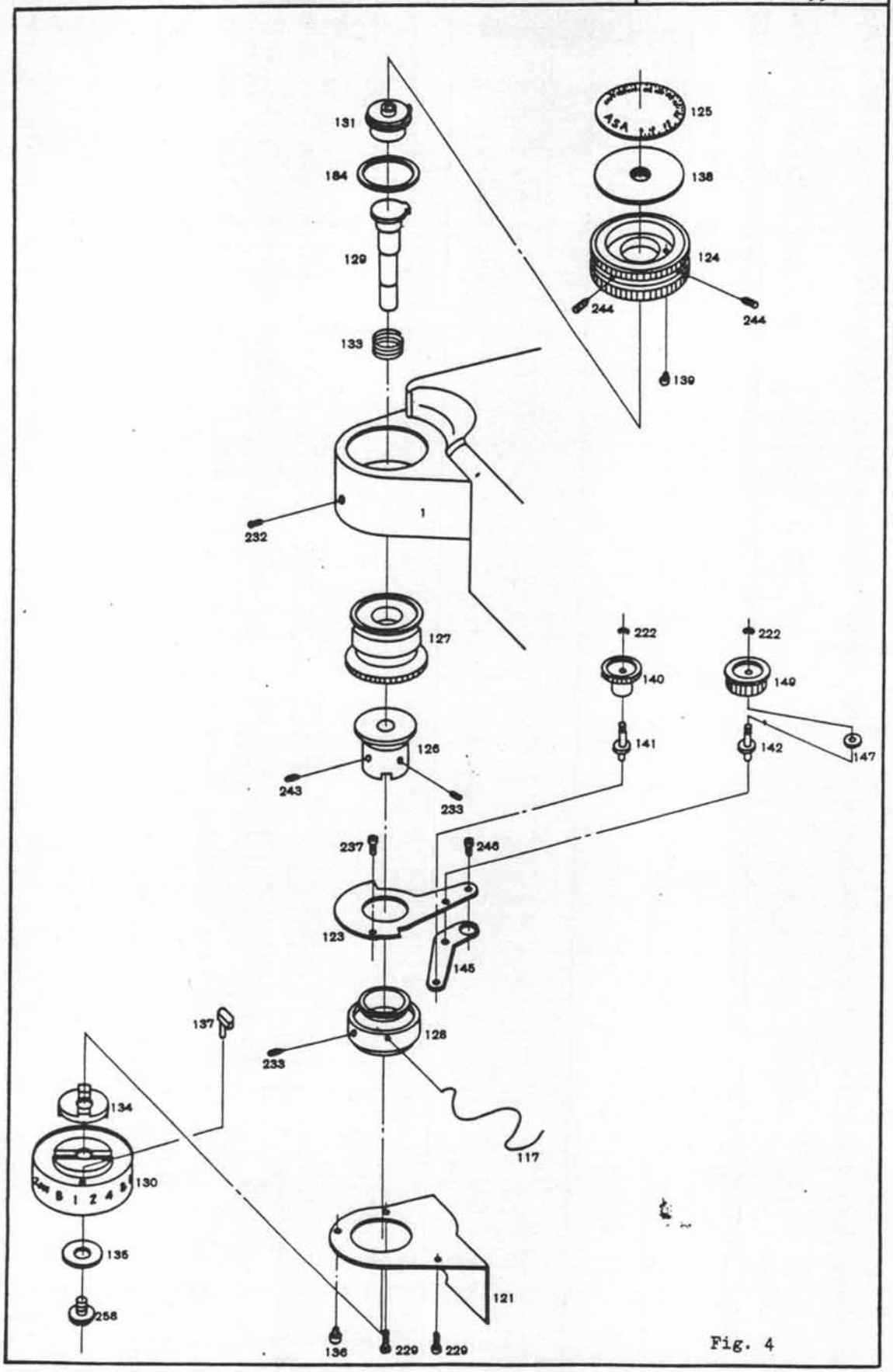
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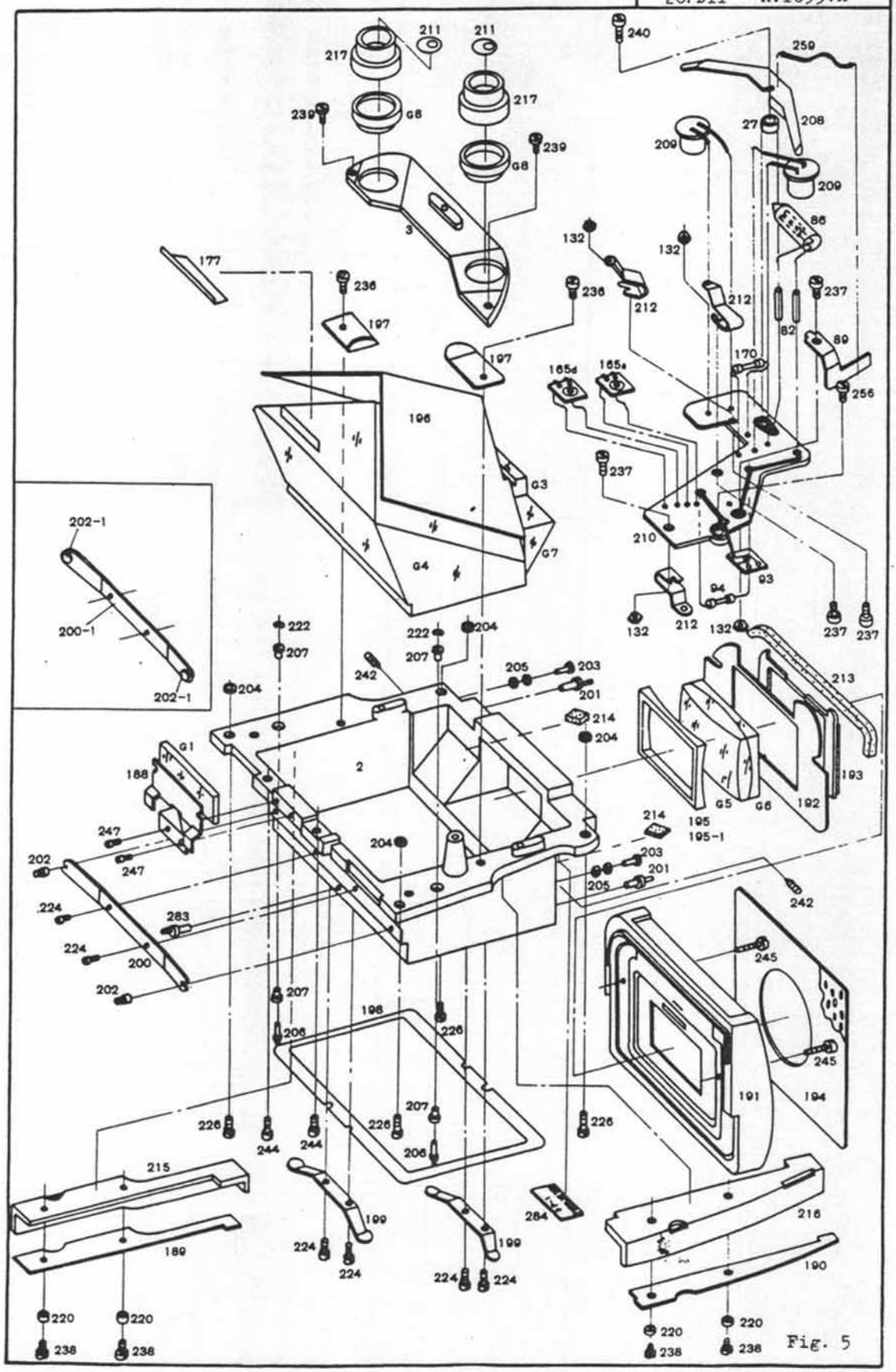
Fig. 4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165d
165a
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G3
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G4
G7
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202-1
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202-1
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Fig. 5

Electrical Connections

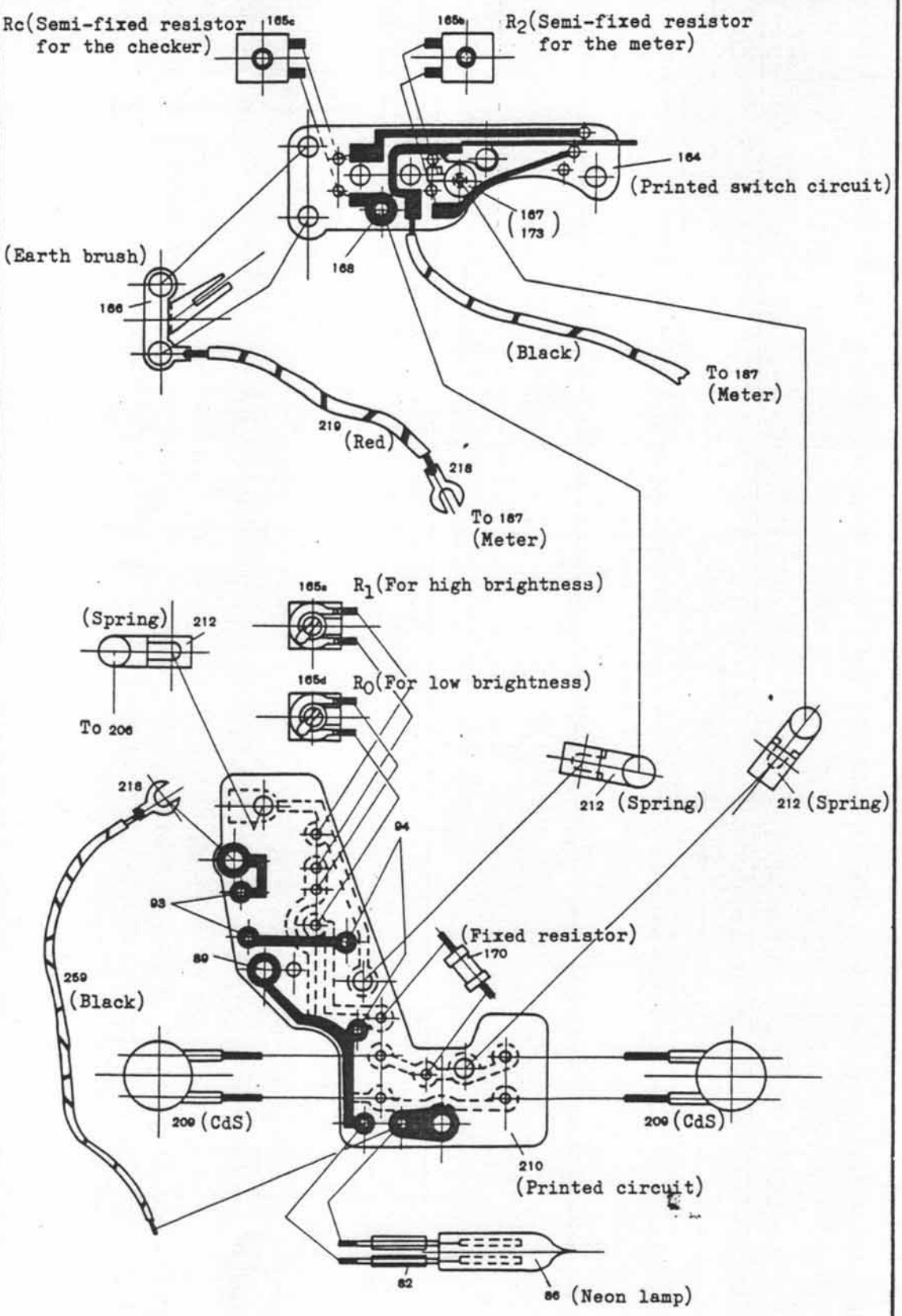
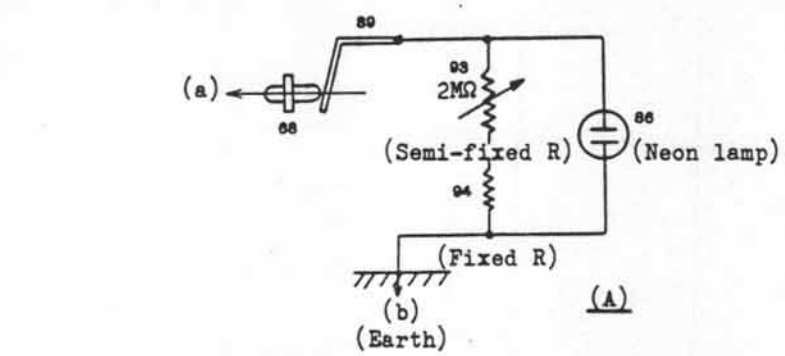
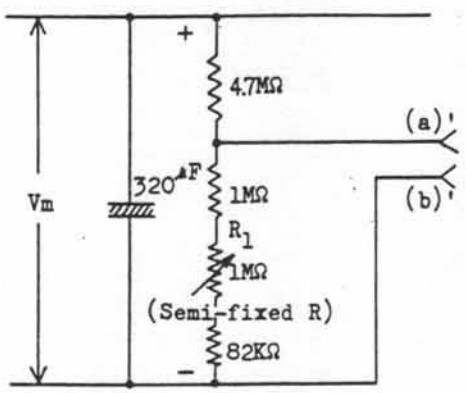
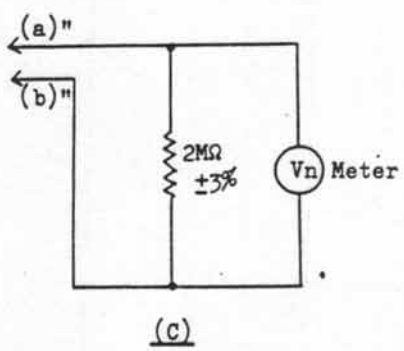


Fig. 6

Adjustment of the Ready-Light







Adjustment of lighting voltage for the Neon lamp (#86)

For performing this adjustment, it is necessary to prepare the B-circuits (as tools) and the C-circuit (as a voltmeter), as shown in the above diagrams.
Make a rated power source voltage Vm of each B-circuit 450V.

Connecting one of the B-circuits to the C-circuit (meter), adjust the semi-fixed resistor R_1 in the B-circuit to have the indication 62V on the C-circuit meter (Vn).

Connecting the other B-circuit, make adjustment of the Semi-fixed resistor to have the indication 64V on the C-circuit meter (Vn).

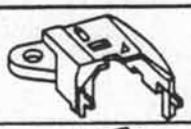
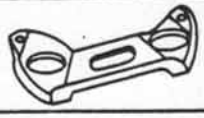
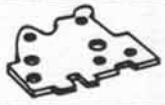
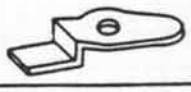
Then, adjust the semi-fixed resistor #93 in the main circuit A, so that the neon lamp (#86) does not light, when the main circuit A is connected to the B-circuit with 62V, but the lamp lights positively, when it is connected to the B-circuit with 64V.

As the voltmeter, use a digital type voltmeter with an input impedance of 10 MΩ.

Fig. 7

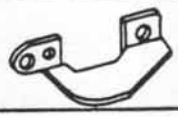
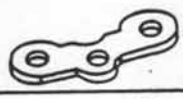
Parts list

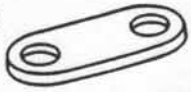
20FD11 - R.1033.A

Part No. 部品番号	Name and Shape 名称および形状	Pcs. per Unit 1台分個数	Reference Subassembly No. 参照部組品番号	Reference Fig. No. 参照図番	Term of Sale 販売区分	Remarks 備考
20FD11-1	Body 	1	A1, A2	1, 3 4	△	
2	Prism box	1	B1, B2	5	△	
2-1			B1-1, B2-1			
3	CdS holder 	1	C1	5	△	
4	Top cover	1	D1	1	△	
5	Front plate	1	A1 E1, E2	2	△	
6	Middle plate	1	A1 E1, E3	2	△	
7	Rear plate 	1	A1 E1, E4	2	△	
8	Front cover	1	D2	1	○△	
9	Front segment	1	A1 E1, E5	2	△	
10	Rear segment	1	A1 E1, E6	2	△	
11	Segment shoe	1	A1 E1, E5	2	△	
12	Claw 	1	A1 E1, E5	2	△	
13	Claw spring stud	1	A1 E1, E5	2	△	
14	Claw axle	1	A1 E1, E5	2	△	
15						(Blank)

Part No. 部品番号	Name and Shape 名称および形状	Pcs. per Unit 1台分個数	Reference Subassembly No. 参照部組品番号	Reference Fig. No. 参照図番	Term of Sale 販売区分	Remarks 備考
20FD11-16	Segment rivet	3	A1 E1, E6	2	△	
17	Rocker spring stud B	1	A1 E1, E5	2	△	
18	Spring drum axle	1	A1 E1, E6	2	△	
19	Spring stud A	1	A1 E1, E6	2	△	
20	Spring stud B	1	A1 E1, E5	2	△	
21	Spring drum	1	A1 E1, E6	2	△	
22	Segment spring	1	A1, E1	2	○△	
23	Claw spring	1	A1 E1, E5	2	○△	
24	Memory ratchet	1	A1 E1, E6	2	△	
25	Segment axle	1	A1 E1, E5	2	△	
26	Front plate stand A	1	A1 E1, E3	2	△	
27	Front plate collar	1		5	○	
28	Rear plate stand A	2	A1 E1, E3	2	△	
29	Segment eccenter	1	A1, E1	2	○△	
30	Segment adjuster	1	A1 E1, E4	2	△	

※ F-: Represents the "Aperture scale".

Part No. 部品番号	Name and Shape 名称および形状	Pcs. per Unit 1台分個数	Reference Subassembly No. 参照部組品番号	Reference Fig. No. 参照図番	Term of Sale 販売区分	Remarks 備考
20FD11-31	Click axle	1	A1 E1, E3	2	△	
32	Click spring	1	A1, E1	2	○△	
33	Click axle bearing	1	A1 E1, E7	2	△	
34	Click lever	1	A1 E1, E7	2	△	
35	Roller shaft	1	A1 E1, E7	2	△	
36	Click roller	1	A1, E1	2	○△	
37	Resistor idle gear shaft	1	A1 E1, E3	2	△	
※ 38	F-idle gear shaft	1	A1 E1, E8	2	△	
39	Bracket A 	1	A1 E1, E8	2	△	
40	Bracket B 	1	A1 E1, E8	2	△	
41	F-gear shaft	1	A1 E1, E8	2	△	
42	Shoe rivet	2	A1 E1, E5	2	△	
43	F-idle gear	1	A1, E1	2	○△	
44	F-gear A	1	A1 E1, E9	2	△	
45	F-gear B	1	A1 E1, E9	2	△	

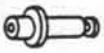
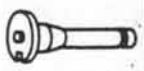
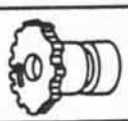
Part No. 部品番号	Name and Shape 名称および形状	Pcs. per Unit 1台分個数	Reference Subassembly No. 参照部組品番号	Reference Fig. No. 参照図番	Term of Sale 販売区分	Remarks 備考
20FD11-46	F-gear boss	1	A1 E1, E9	2	△	
47	Roller collar	1	A1 E1, E7	2	△	
48	Pantograph stopper	1	A1 E1, E3	2	△	
49	Bracket pin	1	A1 E1, E8	2	△	
50	Click roller washer	1	A1, E1	2	○△	
51	Rear plate stand	1	A1 E1, E3	2	△	
52	Rocker spring	1	A1, E1	2	○△	
53	Rocker	1	A1 E1, E5	2	△	
54	Front plate stand B	2	A1 E1, E3	2	△	
55	Rear plate stand C	1	A1 E1, E3	2	△	
56						(Blank)
57	Pantograph D 	1	A1 E1, E10	2	△	
58	Pantograph A	1	A1 E1, E10	2	△	
59	Pantograph B	1	A1 E1, E10	2	△	
60	Pantograph C	1	A1 E1, E10	2	△	

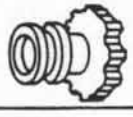
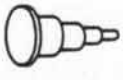
Part No. 部品番号	Name and Shape 名称および形状	Pcs. per Unit 1台分個数	Reference Subassembly No. 参照部組品番号	Reference Fig. No. 参照図番	Term of Sale 販売区分	Remarks 備考
20FD11- 61	Pantograph pin	3	A1 E1, E10	2	△	
62	Diaphragm coupling pin	1	A1 E1, E10	2	△	
63	Pantograph long pin	1	A1 E1, E10	2	△	
63-1	Pantograph long pin					
64	Max. aperture scale eccenter	1	A1 E1, E11	2	△	
65	Washer	1	A1 E1, E11	2	△	
66	Max. aperture ratchet	1	A1 E1, E11	2	△	
67	Max. aperture scale	1	A1, E1	2	○△	
68	Terminal	1	D1	1, 7	△	
69	Terminal	1	D1	1	△	
70	Max. aperture scale axle	1	A1 E1, E2	2	△	
71	Insulating washer	1	D1	1	△	
72	Claw spring stud	1	A1 E1, E2	2	△	
73	Washer	1	A1, E1	2	○△	
74	Ratchet spring	1	A1, E1	2	○△	
75	Pantograph adjuster	1	A1 E1, E2	2	△	

Part No. 部品番号	Name and Shape 名称および形状	Pcs. per Unit 1台分個数	Reference Subassembly No. 参照部組品番号	Reference Fig. No. 参照図番	Term of Sale 販売区分	Remarks 備考
20FD11-76	Ratchet claw stopper pin	1	A1 E1, E2	2	△	
77	Max. aperture ratchet claw axle	1	A1 E1, E2	2	△	
78	Ratchet claw	1	A1 E1, E2	2	△	
79	Max. aperture ratchet pin	1	A1 E1, E11	2	△	
80	Spring stud A	1	A1 E1, E2	2	△	
81						(Blank)
82	Insulating tube	2	F1	5, 6	○△	
83	Ratchet spring pin	1	A1 E1, E2	2	△	
84	Max. aperture spring	1	A1, E1	2	○△	
85	Washer	1	D1	1	△	
86	Neon lamp	1	F1	5, 6 7	○△	Equivalent to 20FA25F #6, 20FD10 #38
87	Washer	1	A1 E1, E2	2	△	
88	Spring stud	1	A1 E1, E11	2	△	
89	Spring contact	1	F1	5, 6 7	○△	
90						(Blank)

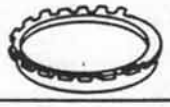
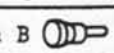
Part No. 部品番号	Name and Shape 名称および形状	Pcs. per Unit 1台分個数	Reference Subassembly No. 参照部組品番号	Reference Fig. No. 参照図番	Term of Sale 販売区分	Remarks 備考
20FD11-91	Front dust cover	1	A1, E1	2	○△	
92	Washer	1	A1, E1	2	○△	
93	Semi-fixed resistor	1	F1	5, 6 7	○△	Equivalent to 20FD10 #39
94	Fixed resistor	1	F1	5, 6 7	○△	Equivalent to 20FD10 #40
95	Max. aperture scale window	1	D2	1	○△	
96	Window frame	1	D2	1	○△	
97	Top cover leatherette	1		1	○	
98	Hole cover	1		1	○	
99	Hole cover	1	A1, A2	1	○△	
100						(Blank)

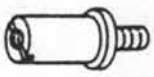
※ T-: Represents the "Shutter speed."

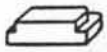
Part No. 部品番号	Name and Shape 名称および形状	Pcs. per Unit 1台分個数	Reference Subassembly No. 参照部組品番号	Reference Fig. No. 参照図番	Term of Sale 販売区分	Remarks 備考
20FD11-101	F-film shaft 	1	A1, A2	1, 3	△	
102	F-film spring holder	1	A1, A2	1, 3	△	
103						(Blank)
※ 104	T-film washer	1	A1, A2 T1	3	△	
105	Aperture scale dial (film)	1	A1, A2	3	○△	
106	Shutter speed scale dial (film)	1	A1, A2 T1	3	△	
107	T-film washer	1	A1, A2 T1	3	△	
108	T-film spring mount	1	A1, A2	3	○△	
109	F-film washer	1	A1, A2	3	○△	
110	T-film shaft 	1	A1, A2	1, 3	△	
111	T-film pulley	1	A1, A2 T2, T3	3	△	
112	F-film gear 	1	A1, A2	3	○△	
113	F-film spring gear	1	A1, A2	3	○△	
114	F-film boss	1	A1, A2 T1	3	△	
115	T-pulley pin	1	A1, A2 T2, T3	3	△	

Part No. 部品番号	Name and Shape 名称および形状	Pcs. per Unit 1台分個数	Reference Subassembly No. 参照部組品番号	Reference Fig. No. 参照図番	Term of Sale 販売区分	Remarks 備考
20FD11- 116	F-film washer	1	A1, A2	3	○△	
117	Thread	1	A1, A2 T2	4	○△	
118	F-film spring	1	A1, A2	3	○△	
119	F-film spring	1	A1, A2	3	○△	
120						(Blank)
121	T-bottom cover	1	A1, A2 T4	4	△	
122	Common contact base	1	A1, A2 H1	3	△	
123	Racket plate	1	A1, A2 T5	4	△	
124	ASA dial knob	1	A1, A2 T6	4	△	
125	ASA dial	1	A1, A2 T6	4	○△	
126	Clutch	1	A1, A2	4	○△	
127	Clutch gear 	1	A1, A2	4	○△	
128	T-drum	1	A1, A2 T2	4	○△	
129	T-dial shaft 	1	A1, A2	4	○△	
130	Shutter speed dial	1	A1, A2 T7	4	△	

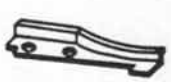
Part No. 部品番号	Name and Shape 名称および形状	Pcs. per Unit 1台分個数	Reference Subassembly No. 参照部組品番号	Reference Fig. No. 参照図番	Term of Sale 販売区分	Remarks 備考
20FD11-131	ASA dial stopper	1	A1, A2 T6	4	△	
132	Nut	5	F1	3, 5	○△	
133	Clutch spring	1	A1, A2	4	○△	
134	Coupling ring	1	A1, A2	4	○△	
135	Washer	1	A1, A2	4	○△	
136	T-stopper pin A	1	A1, A2 T4	4	△	
137	T-stopper pin B	1	A1, A2 T7	4	△	
138	ASA dial bose plate	1	A1, A2 T6	4	△	
139	ASA stopper pin	1	A1, A2 T6	4	△	
140	T-3rd gear	1	A1, A2	4	○△	
141	T-gear shaft A	1	A1, A2 T5	4	△	
142	T-gear shaft B	1	A1, A2 T5	4	△	
143	F-film gear washer	1	A1, A2	3	○△	
144	F-film spring	1	A1, A2	3	○△	
145	T-gear adjuster	1	A1, A2 T5	4	△	

Part No. 部品番号	Name and Shape 名称および形状	Pcs. per Unit 1台分個数	Reference Subassembly No. 参照部組品番号	Reference Fig. No. 参照図番	Term of Sale 販売区分	Remarks 備考
20FD11- 146	Common contact piece	1	A1, A2 H1	3	△	
147	Washer	4	A1, A2 H3	3, 4	○△	
148	Brush bracket	1	A1, A2 H2	3	△	
149	T-2nd gear	1	A1, A2	4	○	
150	Resistor gear	1	A1, A2 H3, H5	3	△	
151	Brush gear (Has a step) 	1	A1, A2, A3		×	
151-1	Brush gear (No step)			3	○△	
152	Resistor gear pinion	1	A1	2	○△	
153	Resistor	1	A1, A2 H3, H5	3	△	
154						(Blank)
155	Resistor brush	1	A1, A2 H2	3	△	
156	Brush C	1	A1, A2	3	△	
157	Brush rivet	1	A1, A2 H2	3	△	
158	Insulating washer	2	A1, A2 H2		△	
159	Brush insulating	1	A1, A2 H2	3	△	
160	Switch contact A	1		3	○	
160-1	Switch contact A & B 	2	A1,A2,F2-1	3	△	

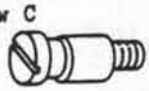
Part No. 部品番号	Name and Shape 名称および形状	Pcs. per Unit 1台分個数	Reference Subassembly No. 参照部組品番号	Reference Fig. No. 参照図番	Term of Sale 販売区分	Remarks 備考
20FD11-161	Switch contact B	1		3	○	
161-1	Rivet	1	A1,A2,F2-1		△	
162	Switch lead	1		3	○	
162-1	Switch lead	1	A1,A2,F2-1	3	△	
163	Earth contact	1	A1, A2	3	○△	
164	Printed switch	1		3, 6		
164-1	Printed switch	1	A1,A2,F2-1	3	△	
165a	Semi-fixed resistor	1	F1	5, 6	○△	
165b			A1,A2,F2-1	3, 6	○△	
165c			A1,A2,F2-1	3, 6	○△	
165d			F1	5, 6	○△	
166	Earth brush	1	A1, A2	3, 6	○△	
167	Contact stand	1		3, 6	○	
167-1	Contact stand	1	F2-1	3	△	
168	Contact pin	1	A1, A2 F2-1	3, 6	○△	
169	Brush bracket liner	1	A1, A2	3	○△	
170	Fixed resistor	1	F1	5, 6	○△	
171	Switch guide	1	A1, A2	3	○△	
172	Meter stand 	1	A1, A2	3	○△	
173	Screw	1	A1, A2	3, 6	○△	
174	Switch collar	1	A1, A2	1	○△	
175	Switch button	1	A1, A2 H4	1	△	

Part No. 部品番号	Name and Shape 名称および形状	Pcs. per Unit 1台分個数	Reference Subassembly No. 参照部組品番号	Reference Fig. No. 参照図番	Term of Sale 販売区分	Remarks 備考
20FD11- 176	Switch rod	1	A1, A2 H4	1	△	
177	Light baffle plate	1		5	○	
178	Meter needle cover	1	A1, A2, H8	3	○△	
179	Meter needle cover	1	A1, A2, H8	3	○△	
180	Switch spring	1	A1, A2	1	○△	
181	Window frame A	1	A1, A2	1	○△	
182	Window frame B	1	A1, A2	1	○△	
183	Washer	1	A1, A2	1	○△	
184	Washer	1	A1, A2	4	○△	
185	Window plate (clear) 	1	D1	1	○△	
186	Window plate (opal)	1	D1	1	○△	
187	Meter	1	A1, A2 H8	3, 6	△	
188	Mirror holder	1	C2	5	○△	
189	Side cover holder A	1		5	○	
190	Side cover holder B	1		5	○	

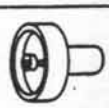
Part No. 部品番号	Name and Shape 名称および形状	Pcs. per Unit 1台分個数	Reference Subassembly No. 参照部組品番号	Reference Fig. No. 参照図番	Term of Sale 販売区分	Remarks 備考
20FD11- 191	Eyepiece lens case	1	M1	5	△	
191A	Eyepiece ring	1	M1		△	
192	Eyepiece mask	1		5	○	
193	Lens frame	1		5	○	
194	Eyepiece leatherette	1		5	○	
195	Eyepiece spacer (pressed)	1		5	X	
195-1	Eyepiece spacer (molded)	1		5	○	
196	Prism cover	1		5	○	
197	Prism retainer	2		5	○	
198	Aperture mask	1	B1 B1-1	5	○△	
199	Bottom plate spring	2	B1 B1-1	5	○△	Equivalent to 20FD9 #18, 20FD10 #4
200	Front side spring	1	B1	5	○△	For new type die-casting
200-1	Front side spring	1	B1-1, B3	5	△	
201	Lock pin	2	B1, B1-1 B2, B2-1	5	△	
202	Front attaching button	2	B1	5	○△	
202-1	Front attaching button	2	B1-1, B3	5	△	
203	Rear attaching button	2	B1, B1-1	5	○△	
204	Washer	4		5	○	

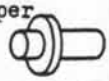
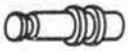
Part No. 部品番号	Name and Shape 名称および形状	Pcs. per Unit 1台分個数	Reference Subassembly No. 参照部組品番号	Reference Fig. No. 参照図番	Term of Sale 販売区分	Remarks 備考
20FD11- 205	Washer	5	B1, B1-1	5	○△	
206	Contact pin	2	B1, B1-1	5, 6	○△	
207	Insulating bush	5	B1, B1-1 B2, B2-1 H1	3, 5	○△	
208	CdS retainer	1		5	○	
209	CdS	2	F1	5, 6	○△	
210	Printed circuit	1	F	5, 6	△	
211	Diaphragm	2	C1	5	○△	
212	Contact	3	F1	5, 6	○△	
213	Sponge A	1		5	○	
214	Sponge B	2	B1, B1-1 B2, B2-1	5	○△	
215	Prism side cushion A 	1		5	○	
216	Prism side cushion B	1		5	○	
217	CdS holder	2	C1	5	△	
218	Lug	2	A1, A2	3, 6	○△	Equivalent to 20FD9 #84
219	Lead wire	1	A1, A2	6	○△	

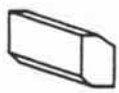
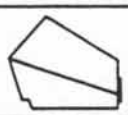
Part No. 部品番号	Name and Shape 名称および形状	Pcs. per Unit 1台分個数	Reference Subassembly No. 参照部組品番号	Reference Fig. No. 参照図番	Term of Sale 販売区分	Remarks 備考
20FD11- 220	Collar	4		5	○	
221	Nut (2N - 1.6)	1	A1, A2	3	○△	
222	C clip A (E - 10)	8	A1, A2 B1, B1-1 E1	1, 2 3, 4 5	○△	
223	C clip B (E - 13)	2	A1 E1, E4	2	○△	
224	Screw (1.4R - 2 special)	6	B1, B1-1	5	○△	Equivalent to 20FD9 #180, 20FD10 #9
225						(Blank)
226	Screw (1.7R - 4 special)	4		5	○	
227	Screw (1.7R - 1.2 special)	2	A1, A2	3	○△	
228	Screw (1.7R - 2.5 special)	2		3	○△	
229	Screw [(45°) 1.7Q - 3]	2	A1, A2	4	○△	
230	Screw (1.7R - 2 special)	4		1	○	
231	Screw (1.7T - 2.2 special)	2		1	○	
232a 232b 232c	Screw [(45°) 1.7P - 2.2]	1		4	○	
233	Screw (1.7U - 2)	2	A1, A2	4	○△	
234	Screw (1.4R - 2 special)	2	A1, E1	2	○△	

Part No. 部品番号	Name and Shape 名称および形状	Pcs. per Unit 1台分個数	Reference Subassembly No. 参照部組品番号	Reference Fig. No. 参照図番	Term of Sale 販売区分	Remarks 備考
20FD11-235	Screw (Ⓢ 1.4R - 2.5)	4	A1, E1	2	○△	
236	Screw (1.7R - 2)	2		5	○	
237	Screw (1.7R - 2.5)	6	A1, A2 F1	3, 4 5	○△	
238	Screw (1.7R - 3 special)	11	A1, A2	3, 5	○△	
239	Screw (1.7R - 4)	2		5	○	
240	Screw (Ⓢ 2R - 6)	1		5	○	
241	Screw (1.4R - 2.2 special)	1	A1, E1	2	○△	
242	Set screw (1.4US - 2.5)	2	B1, B1-1	5	○△	
243	Set screw (1.7US - 2.5)	1	A1, A2	4	○△	
244	Set screw (1.7US - 3.5)	5	A1, A2	4, 5	○△	
245	Screw (1.7R - 5.5)	2		5	○	
246	Screw (1.7R - 3 special)	1	A1, A2	4	○△	
247	Screw (1.4R - 2.3 special)	2		5	○	
248	Screw (⊕ 1.7R - 4)	3	A1	2	○△	
249	Rear plate screw C 	1	A1, E1	2	○△	

Part No. 部品番号	Name and Shape 名称および形状	Pcs. per Unit 1台分個数	Reference Subassembly No. 参照部組品番号	Reference Fig. No. 参照図番	Term of Sale 販売区分	Remarks 備考
20FD11- 250	Rear plate screw A	1	A1, E1	2	○△	
251	Rear plate screw B	1	A1, E1	2	○△	
252	Screw (1.7R - 3 special)	1	A1, A2	1	○△	
253	Screw (1.7R - 1.5 special)	4	A1, A2 H3	3	○△	
254	Screw (1.7R - 1.8 special)	2	A1, A2 H3	3	○△	
255						(Blank)
256	Screw (1.7R - 3 special)	1		5	○	
257	Screw (1.7Q - 2.5 special)	2	A1, A2	1	○△	
258	Screw (1.7T - 3 special)	1	A1, A2	4	○△	
259	Lead wire	1	F1	3, 5 6	○△	
260						(Blank)
261	Hook A	1	A1 E1, E4	2	△	
262	Hook B	1	A1 E1, E4	2	△	
263	Hook B spring	1	A1, E1	2	○△	
264	Hook A spring	1	A1, E1	2	○△	
265	Hook spring stud	1	A1 E1, E4	2	△	

Part No. 部品番号	Name and Shape 名称および形状	Pcs. per Unit 1台分個数	Reference Subassembly No. 参照部組品番号	Reference Fig. No. 参照図番	Term of Sale 販売区分	Remarks 備考
20FD11- 266	Spring holder A	1	A1 E1, E4	2	○△	
267	Lock link joint	1	A1, E1	2	○△	
268	Link A	1	A1 E1, E12	2	△	
269	Link B	1	A1 E1, E13	2	△	
270	Hook spring axle B	1	A1 E1, E4	2	△	
271	Hook axle	2	A1 E1, E4	2	△	
272						(Blank)
273	Link joint pin	4	A1, E1 E12, E13	2	△	
274	Release lever knob	1	A1, A2 M2	1	△	
275	Release lever bearing 	1	A1, A2	1	○△	
276						(Blank)
277	Release lever cam	1	A1, A2	1	○△	
278	Release lever leatherette	1	A1, A2	1	○△	
279	Release lever spring	1	A1, A2	1	○△	
280	Release lever knob insert	1	A1, A2 M2	1	△	

Part No. 部品番号	Name and Shape 名称および形状	Pcs. per Unit 1台分個数	Reference Subassembly No. 参照部組品番号	Reference Fig. No. 参照図番	Term of Sale 販売区分	Remarks 備考
20FD11- 281	Release lever stopper 	1	A1, A2	1	△	
282	Washer	1	A1, E1	2	○△	
283	Finder locating pin	1	B1, B1-1 B2, B2-1	5	△	
284	Name plate	1		5	×	
285	Hook collar shaft 	1	A1 E1, E4	2	△	
286	Collar	1	A1 E1, E4	2	○△	
287 288 289 290						(Blank)
291	Roller base plate	1	A1, A2 H3, H6	3	△	
292	Roller adjusting plate	1	A1, A2 H3, H7	3	△	
293	Brush gear roller	2	A1, A2 H3	3	○△	
294	Resister gear roller	2	A1, A2 H3	3	○△	
295	Roller shaft A	2	A1, A2 H3, H6	3	△	
296	Roller shaft B	1	A1, A2 H3, H7	3	△	
297	Roller shaft C	2	A1, A2 H3, H6	3	△	
298	Brush gear adjusting roller	2	A1, A2 H3	3	○△	

Part No. 部品番号	Name and Shape 名称および形状	Pcs. per Unit 1台分個数	Reference Subassembly No. 参照部組品番号	Reference Fig. No. 参照図番	Term of Sale 販売区分	Remarks 備考
20FD11- 299	Resister gear roller	1	A1, A2 H3, H7	3	△	
300						(Blank)
G1	Mirror	1	C2	5	○△	
G2						(Blank)
G3	Parallelogram prism 	1	C3	5	△	
G4	Pentagonal prism 	1	C3	5	△	
G5	Eyepiece lens (convex)	1	C4	5	△	
G6	Eyepiece lens (concave)	1	C4	5	△	
G7	Light acceptance prism	2	C3	5	△	
G8	Light acceptance lens	2	C1	5	○△	

Subassembly list

20FD11 - R.1033.A

	No. of Subassembly	Name	Pcs. per Unit	No. of Constituent Parts (*: Main parts)	Ref. Fig. No.	Remarks
	20FD11-A1	Body and meter mechanism	1	Except subassemblies B1, C1, C2, C3, C4, D1, D2, F1 and M1 from the full assembly (20FD11).		
	A2	Body	1	Except subassembly E1 and 152 from subassembly A1.		
	B1	Prism box and holders	1	*2, 198, 199×2, 200, 201×2 202×2, 203×2, 205×2, 206×2 207×4, 214×2, 222×2, 224×6 242×2, 283	5	
	B1-1	Prism box and hloders	1	*2-1, 198, 199×2, 200-1 201-1×2, 202×2, 203×2, 205×2 206×2, 207×4, 214×2, 222×2 224×6, 242×2, 283	5	
	B2	Prism box	1	*2, 201×2, 207×4, 214×2	5	
	B2-1	Prism box	1	*2-1, 201×2, 207×4, 214×2	5	
	B3	Front side spring	1	*200-1, 202-1×2	5	
	C1	CdS holder	1	*3, 211×2, 217×2, G8×2	5	
	C2	Mirror	1	*188, G1	5	
	C3	Pentagonal prism	1	*G4, G3, G7×2	5	
	C4	Eyepiece lens	1	*G5, G6	5	
	D1	Top cover	1	*4, 68, 69, 71, 85, 185 186	1	
	D2	Front cover	1	*8, 95, 96	1	
	E1	Pantograph ratchet	1	*E3, E2 - E13, 22, 29, 32 36, 43, 50, 52, 67, 73, 74 84, 91, 92, 222, 223×2 234×2, 235×4, 241, 249 250, 251-1, 264, 267-1 282, 286	2	
	E2	Front plate	1	*5, 70, 72, 75, 76, 77, 78 80, 83, 87	2	
	E3	Middle plate	1	*6, 26, 28×2, 31, 37, 48 51, 54×2, 55	2	
	E4	Rear plate	1	*7, 30, 261, 262, 265, 266 270, 271×2, 285, 286, 223	2	
	E5	Front segment	1	*9, 11, 12, 13, 14, 17, 20 23, 25, 42×2, 53	2	
	E6	Rear segment	1	*10, 16×3, 18, 19, 21, 24	2	
	E7	Click lever	1	*34, 33, 35, 47	2	

	No. of Subassembly	Name	Pcs. per Unit	No. of Constituent Parts (*: Main parts)	Ref. Fig. No.	Remarks
	20FD11-E8	F-bracket	1	*39, 38, 40, 41, 49	2	
	E9	F-gear	1	*46, 44, 45	2	
	E10	Pantograph	1	*58, 57, 59, 60, 61×3, 62 63	2	
	E11	Max. aperture ratchet	1	*66, 64, 65, 79, 88	2	
	E12	Link A	1	*268, 273×2	2	
	E13	Link B	1	*269, 273×2	2	
	F1	Printed circuit	1	*210, 82×2, 86, 87, 93, 94 132×4, 165a, 165d, 170 209×2, 212×3, 237×4, 259	5,6	
	F2-1	Printed switch	1	*164-1, 160-1×2, 161-1 162-1, 165b, 165c, 167, 168	3	
	H1	Common contact	1	*122, 146, 207	3	
	H2	Brush	1	*148, 155, 156, 157, 158×2 159	3	
	H3	Roller base plate and brush gear	1	*291, H5 - H7, 147×2, 151-1 253×4, 254×2, 293×2, 294×2 298×2	3	
	H4	Switch button	1	*175, 176	1	
	H5	Resistor gear	1	*150, 153	3	
	H6	Roller base plate	1	*291, 295×2	3	
	H7	Roller adjusting plate	1	*292, 296, 297×2, 299	3	
	H8	Meter	1	*187, 178, 179	3,6	
	M1	Eyepiece lens case	1	*191, 191A	5	
	M2	Release lever	1	*274, 280	1	
	T1	T-film	1	*114, 104, 106, 107	3	
	T2	T-drum	1	*128, T3, 117	4	
	T3	T-film pulley	1	*111, 115	3	
	T4	T-bottom cover	1	*121, 136	4	
	T5	Rachet plate	1	*123, 141, 142, 145	4	
	T6	ASA dial knob	1	*124, 125, 131, 138, 139	4	
	T7	Shutter speed dial	1	*130, 137	4	

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⚠	H2-1	Brush	1	*148, 154-1, 155-1, 156 157, 158×2, 159	3	

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